


		NTSB ID: DEN02LA072		Aircraft Registration Number: N6283U	
		Occurrence Date: 06/30/2002		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Watkins	State CO	Zip Code 80137	Local Time 0811	Time Zone MDT	
Airport Proximity: On Airport		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Mooney		Model/Series M20C		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On June 30, 2002, at 0811 mountain daylight time, a Mooney M20C, N6283U, owned and operated by the pilot, was substantially damaged when it landed gear up at Front Range Airport (FTG), Watkins, Colorado. The private pilot, the sole occupant aboard, was not injured. Visual meteorological conditions prevailed, and no flight plan had been filed for the local personal flight being conducted under Title 14 CFR Part 91. The flight originated from Front Range Airport at 0755.</p> <p>In a telephone interview and reiterated in his accident report, the pilot said that the purpose of the flight was to practice touch-and-go landings. He said he "forgot to put the gear down" when he made his first approach to runway 26 and landed wheels up. Damage consisted of a bent propeller, scraped panels underneath the airplane, a broken antenna, and bent ribs.</p>					
FACTUAL REPORT - AVIATION					

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: DEN02LA072				
		Occurrence Date: 06/30/2002				
		Occurrence Type: Accident				
Landing Facility/Approach Information						
Airport Name Front Range		Airport ID: FTG	Airport Elevation 5512 Ft. MSL	Runway Used 26	Runway Length 8000	Runway Width 100
Runway Surface Type: Asphalt						
Runway Surface Condition: Dry						
Type Instrument Approach: NONE						
VFR Approach/Landing: Touch and Go						
Aircraft Information						
Aircraft Manufacturer Mooney		Model/Series M20C		Serial Number 2122		
Airworthiness Certificate(s): Normal						
Landing Gear Type: Retractable - Tricycle						
Homebuilt Aircraft? No		Number of Seats: 4	Certified Max Gross Wt. 2575 LBS	Number of Engines: 1		
Engine Type: Reciprocating		Engine Manufacturer: Lycoming	Model/Series: O-360-A1D	Rated Power: 180 HP		
- Aircraft Inspection Information						
Type of Last Inspection Annual		Date of Last Inspection 10/2001	Time Since Last Inspection 68.6 Hours	Airframe Total Time 2528.5 Hours		
- Emergency Locator Transmitter (ELT) Information						
ELT Installed? Yes		ELT Operated? No	ELT Aided in Locating Accident Site? No			
Owner/Operator Information						
Registered Aircraft Owner Roger L. Keithley		Street Address On File				
		City Denver	State CO	Zip Code 80220		
Operator of Aircraft Same as Reg'd Aircraft Owner		Street Address Same as Reg'd Aircraft Owner				
		City	State	Zip Code		
Operator Does Business As:			Operator Designator Code:			
- Type of U.S. Certificate(s) Held: None						
Air Carrier Operating Certificate(s):						
Operating Certificate:			Operator Certificate:			
Regulation Flight Conducted Under: Part 91: General Aviation						
Type of Flight Operation Conducted: Personal						
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First Pilot Information																																																																																				
Name		City		State	Date of Birth	Age																																																																														
On File		On File		On File	On File	55																																																																														
Sex: M	Seat Occupied: Left	Principal Profession: Unknown		Certificate Number: On File																																																																																
Certificate(s): Private																																																																																				
Airplane Rating(s): Single-engine Land																																																																																				
Rotorcraft/Glider/LTA: None																																																																																				
Instrument Rating(s): None																																																																																				
Instructor Rating(s): None																																																																																				
Type Rating/Endorsement for Accident/Incident Aircraft?			Current Biennial Flight Review?																																																																																	
Medical Cert.: Class 3		Medical Cert. Status: Valid Medical--w/ waivers/lim.		Date of Last Medical Exam: 02/2001																																																																																
<table border="1"> <tr> <th rowspan="2">- Flight Time Matrix</th> <th rowspan="2">All A/C</th> <th rowspan="2">This Make and Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multi-Engine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> <tr> <td>Total Time</td> <td>139</td> <td>59</td> <td>139</td> <td></td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td>85</td> <td>52</td> <td>85</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>14</td> <td>14</td> <td>14</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>5</td> <td>5</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>1</td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time	139	59	139		4						Pilot In Command(PIC)	85	52	85								Instructor											Last 90 Days	14	14	14								Last 30 Days	5	5	5								Last 24 Hours	1	1	1							
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Seatbelt Used? Yes		Shoulder Harness Used? Yes		Toxicology Performed? No		Second Pilot? No																																																																														
Flight Plan/Itinerary																																																																																				
Type of Flight Plan Filed: None																																																																																				
Departure Point		State	Airport Identifier	Departure Time	Time Zone																																																																															
Same as Accident/Incident Location			FTG	0755	MDT																																																																															
Destination		State	Airport Identifier																																																																																	
Local Flight																																																																																				
Type of Clearance: Unknown																																																																																				
Type of Airspace: Class E																																																																																				
Weather Information																																																																																				
Source of Briefing: Unknown																																																																																				
Method of Briefing: Unknown																																																																																				


 National Transportation Safety Board FACTUAL REPORT AVIATION			NTSB ID: DEN02LA072		
			Occurrence Date: 06/30/2002		
			Occurrence Type: Accident		

Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
DEN	0753	MDT	5431 Ft. MSL	9 NM	310 Deg. Mag.
Sky/Lowest Cloud Condition: Clear				Ft. AGL	Condition of Light: Day
Lowest Ceiling: None			Ft. AGL	Visibility: 6 SM	Altimeter: 30.17 "Hg
Temperature: 23 °C	Dew Point: 1 °C	Wind Direction: 220		Density Altitude: 7526	Ft.
Wind Speed: 9	Gusts:	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): Ft.	Visibility (RVV)	SM	Intensity of Precipitation:		
Restrictions to Visibility: Haze					
Type of Precipitation: None					

Accident Information					
Aircraft Damage: Substantial		Aircraft Fire: None		Aircraft Explosion: None	
Classification: U.S. Registered/U.S. Soil					

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL	
First Pilot				1	1	
Second Pilot						
Student Pilot						
Flight Instructor						
Check Pilot						
Flight Engineer						
Cabin Attendants						
Other Crew						
Passengers						
- TOTAL ABOARD -				1	1	
Other Ground						
- GRAND TOTAL -				1	1	

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	Occurrence Type: Accident	
Administrative Information		
<p>Investigator-In-Charge (IIC)</p> <p>Arnold W. Scott</p>		
<p>Additional Persons Participating in This Accident/Incident Investigation:</p> <p>John R Botterill Air Safety Inspector FAA Flight Standards District Office 26805 East 68th Avenue, Suite 200 Denver, CO 80249</p>		
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